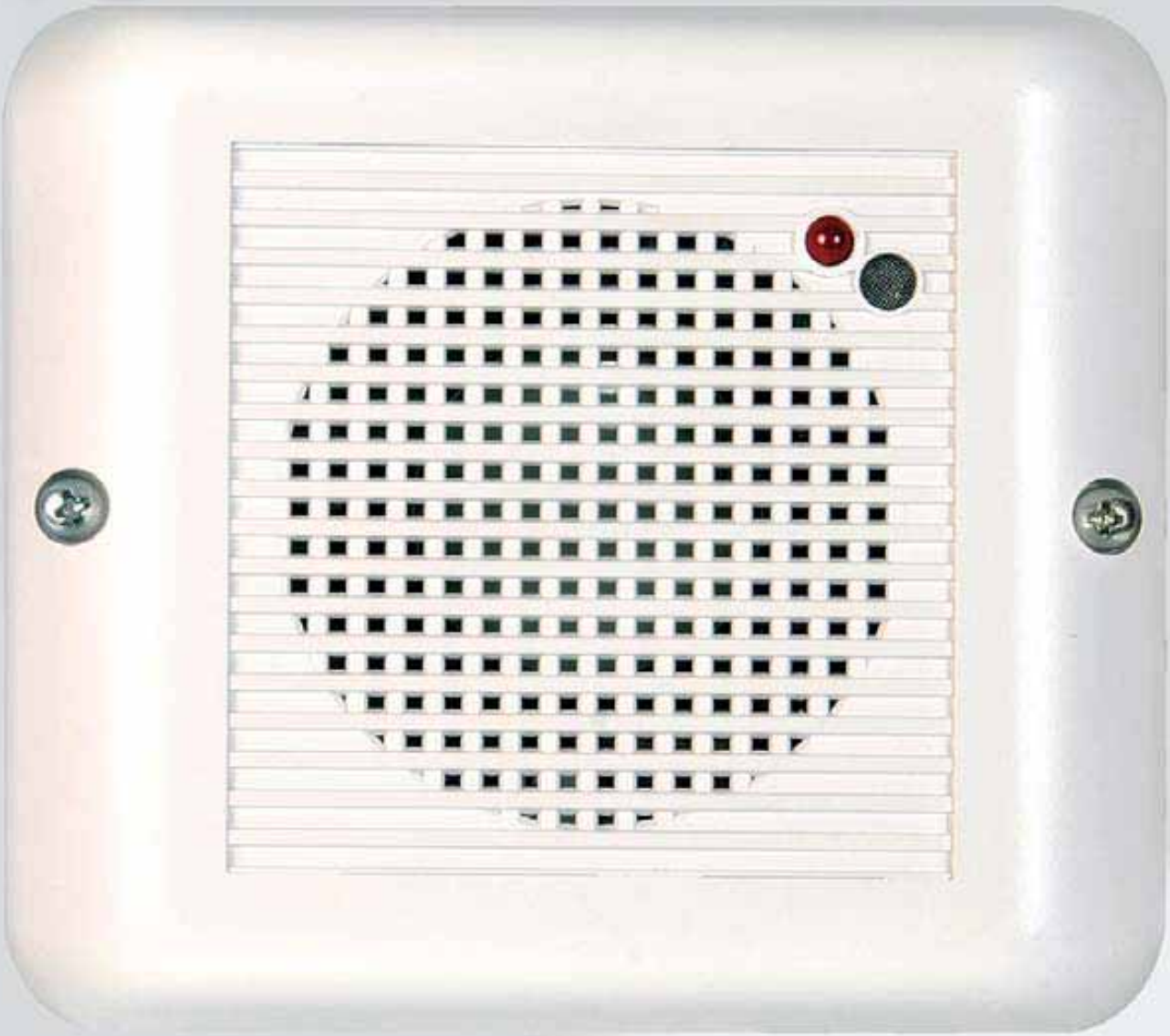
PROGUARD800™ SERIES

INSTALLATION MANUAL

PGIP850 INTERPHONE



ENGLISH

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The ProGuard Interphone provides the ProGuard control panel with an external microphone and speaker for Two-Way Audio applications.

Installation

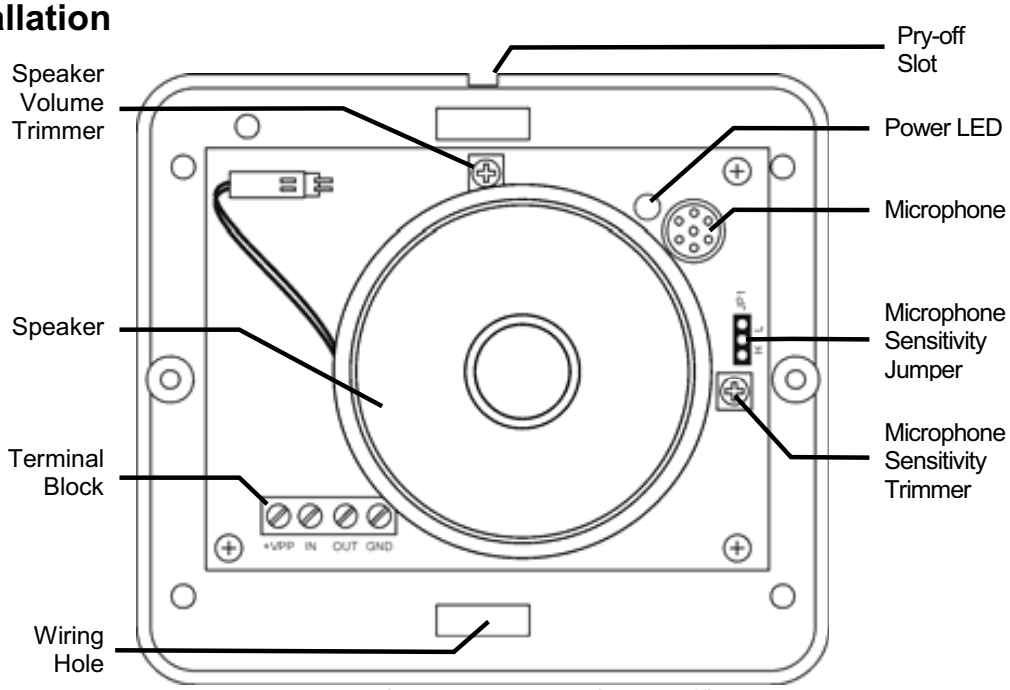
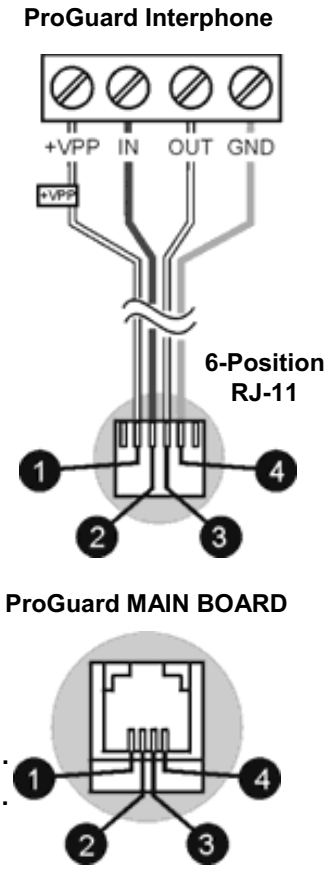


Figure 1: ProGuard Interphone (cover off)

To install the ProGuard Interphone:
1. Remove the two cover screws.
2. Lift the front cover away from the base.
3. a 2.5m cable with a 6-position RJ-11 connector is supplied with the ProGuard Interphone. This cable can be spliced to a 24AWG solid four-core cable.
4. Thread the cable through the wiring hole on the back cover.
5. Mount the back cover to the wall using four mounting screws.
6. Connect the cable to the terminal block on the ProGuard Interphone as follows:



✚	[White]	+VPP	✚	[White]	OUT (microphone)
✚	[Blue]	IN (speaker)	×	[Orange]	GND

Note: The +VPP wire is labeled for convenience
7. Plug the cable into the RJ-11 jack on the ProGuard Main board.
8. Replace the front cover and secure using the two cover screws.

Figure 2: Wiring Connections

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Adjusting Speaker Volume and Microphone Sensitivity
The Speaker Volume trimmer, located above the speaker, allows you to adjust the speaker volume. Turn the trimmer clockwise to increase volume or counter-clockwise to decrease volume.
You may adjust microphone sensitivity using the Microphone Sensitivity jumper and trimmer located to the right of the speaker. For high microphone sensitivity, place the jumper over the bottom two pins in the “H” position. For low microphone sensitivity, place the jumper over the top two pins in the “L” position. You may also make fine adjustments to the microphone sensitivity setting using the Microphone Sensitivity trimmer. Turn the trimmer clockwise to increase sensitivity or counter-clockwise to decrease sensitivity.

Enabling the Interphone in Programming
The ProGuard control panel’s Microphone/Speaker options allow you to choose which microphone and speaker shall function during Two-Way Audio communication. Choose “External” to enable the Interphone to function exclusively or “Internal & External” to enable the Interphone to function simultaneously with the ProGuard’s internal microphone and speaker.
The location of the Microphone/Speaker options in the menu is as follows:
•ProGuard 800: Programming, System Options, Mic./Speaker [9412]

Technical Specifications
Operating Voltage: 6-14VDC
Current Consumption: 90mA (standby), 200mA (operation)
Frequency Response: 350-3500Hz
Microphone: Omni-directional electret condenser microphone
Microphone Sensitivity: -46 ± 3dB
Speaker: 8Ω, 1W, 2.5”
Recommended Cable: 4-core solid (24 AWG)
Max Cable Length to Panel: 60m
Operating Temperature: 0-50ºC
Dimensions: 123 x 109 x 27mm

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